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**Part Number:** [0622015700](#)  
**Status:** **Active**  
**Overview:** [Application Tooling](#)  
**Description:** Signal Pin Inserter Repair Tool

**Documents:**  
[RoHS Certificate of Compliance \(PDF\)](#)

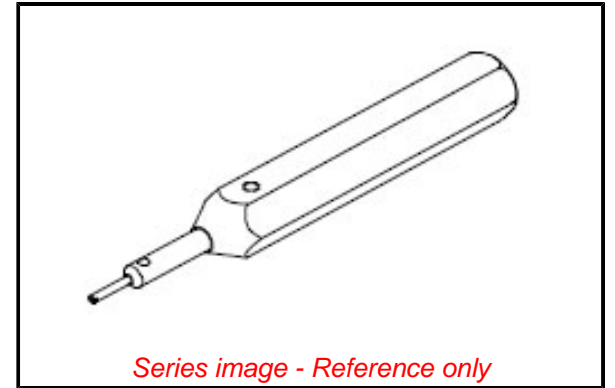
**General**

|                                |   |
|--------------------------------|---|
| Product Family                 | Application Tooling   |
| Series                         | <a href="#">207121</a>  |
| Comments                       | See Tooling Specification (PDF) Above   |
| Function                       | Insertion   |
| Geographic Area                | Global  |
| Level of Automation            | Manual  |
| More Detailed Tech Information | <a href="mailto:applicationtooling@molex.com">applicationtooling@molex.com</a>  |
| Overview                       | <a href="#">Application Tooling</a>   |
| Product Name                   | PremiumGrade  |
| Tool Type                      | Insertion Hand Tool   |
| UPC                            | 800753256064  |
| Warranty Disclaimer            | CAUTION: Molex tooling crimp specifications are valid only when used with Molex terminals and tooling manufactured by Molex and sold by Molex or authorized distributors ("Molex Tooling"). When using tooling other than Molex Tooling with Molex specific connector systems listed in our ATS documents, the Molex tooling qualification does not apply and the responsibility for full qualification of the connector system is that of the customer. Molex accepts no liability for connector performance or tooling support where tooling other than Molex Tooling is used or where Molex Tooling is modified. |

**Material Info**

**Reference - Drawing Numbers**  
[Application Tooling Documents](#)

ATS-622015700-001, TM-622010999-001



*Series image - Reference only*

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Reviewed

**Halogen-Free**

**Status**

**Not Relevant**

For more information, please visit [Contact US](#)

China ROHS

Not Relevant

ELV

Not Relevant

RoHS Phthalates

Not Reviewed

**Search Parts in this Series**

[207121 Series](#)

**Use With**

All VHDM and VHDM-HSD Signal Pins

**Application Tooling** | [FAQ](#)

**Description**

**Product #**

VHDM Single-Ended Board-to-Board Backplane Header, 2.00mm Pitch, Vertical, 6-Rows, Open Signal Module, 60 Circuits, 10 Columns, Pin Length 5.15mm, 0.76µm Gold Plating. Series:74074  
 Enables designers to create custom loaded connectors utilizing standard pin lengths 4.25, 4.75, 5.15 and 6.25mm  
 VHDM Single-Ended Board-to-

[740571004](#)

[740579001](#)

Board Backplane  
Header, 2.00mm  
Pitch, Vertical, 6-  
Rows, Open Signal  
Module, 60 Circuits,  
10 Columns, Pin  
Length 4.75mm,  
0.76µm Gold (Au)  
Plating, Series:74074  
Enables designers  
to create custom  
loaded connectors  
utilizing standard pin  
lengths 4.25, 4.75,  
5.15 and 6.25mm

VHDM Single- 740579009

Ended Board-to-  
Board Backplane  
Header, 2.00mm  
Pitch, Vertical, 6-  
Rows, Open Signal  
Module, 60 Circuits,  
10 Columns, Pin  
Length 5.15mm,  
1.27µm Gold (Au)  
Plating, Series:74074  
Enables designers  
to create custom  
loaded connectors  
utilizing standard pin  
lengths 4.25, 4.75,  
5.15 and 6.25mm

VHDM Single-Ended 740581002

Board-to-Board  
Backplane Header,  
2.00mm Pitch,  
Vertical, 6 Rows,  
Pin End Version, 60  
Circuits, 10 Columns,  
Pin Length 6.25mm

VHDM Single-Ended 740582509

Board-to-Board  
Backplane Header,  
2.00mm Pitch,  
Vertical, 6 Rows, Pin  
End Version, 150  
Circuits, 25 Columns,  
Pin Length 5.15mm

VHDM Single- 740588501

Ended Board-to-  
Board Backplane  
Header, 2.00mm  
Pitch, Vertical, 6  
Rows, Guide Pin  
Signal Module, Pin  
End Version, 150  
Circuits, 25 Columns,  
Pin Length 4.75mm

VHDM BP 6 ROW 740589001

SIG END ASSY 10

COL

VHDM Single-Ended 740591001

Board-to-Board  
Backplane Header,  
2.00mm Pitch,

Vertical, 6 Rows,  
Guide Pin Signal  
Module, Shield End  
Version, 60 Circuits,  
10 Columns, Pin  
Length 4.75mm  
VHDM Single-Ended 740591002  
Board-to-Board  
Backplane Header,  
2.00mm Pitch,  
Vertical, 6 Rows,  
Guide Pin Signal  
Module, Shield End  
Version, 60 Circuits,  
10 Columns, Pin  
Length 6.25mm  
VHDM Single-Ended 740598501  
Board-to-Board  
Backplane Header,  
2.00mm Pitch,  
Vertical, 6 Rows,  
Guide Pin Signal  
Module, Shield End  
Version, 150 Circuits,  
25 Columns, Pin  
Length 4.75mm  
VHDM Single-Ended 740599001  
Board-to-Board  
Backplane Header,  
2.00mm Pitch,  
Vertical, 6 Rows,  
Guide Pin Signal  
Module, Shield End  
Version, 60 Circuits,  
10 Columns, Pin  
Length 4.75mm  
VHDM Single-Ended Board-to-Board Backplane Header, 2.00mm Pitch, Vertical, 8 Rows, Open Signal Module, 80 Circuits, 10 Columns, Pin Length 4.75mm 740601001

VHDM Single-Ended Board-to-Board Backplane Header, 2.00mm Pitch, Vertical, 8 Rows, Open Signal Module, 80 Circuits, 10 Columns, Pin Length 4.75mm 740601009

VHDM Single-Ended Board-to-Board Backplane Header, 2.00mm Pitch, Vertical, 8 Rows, Open Signal Module, 80 Circuits, 10 Columns, Pin Length 5.15mm 740602504

VHDM Single-Ended Board-to-Board Backplane Header, 2.00mm Pitch, Vertical, 8 Rows, Open Signal Module, 200 Circuits, 25 Columns, Pin Length 5.15mm 740602506

Board Backplane  
Header, 2.00mm  
Pitch, Vertical, 8  
Rows, Open Signal  
Module, 200 Circuits,  
25 Columns, Pin  
Length 4.75mm

VHDM Single- 740602509

Ended Board-to-  
Board Backplane  
Header, 2.00mm  
Pitch, Vertical, 8  
Rows, Open Signal  
Module, 200 Circuits,  
25 Columns, Pin  
Length 5.15mm

VHDM Single- 740608501

Ended Board-to-  
Board Backplane  
Header, 2.00mm  
Pitch, Vertical, 8  
Rows, Open Signal  
Module, 200 Circuits,  
25 Columns, Pin  
Length 4.75mm

VHDM 8 ROW 740609001

OPEN END BP Assy  
LF

2.00mm Pitch VHDM 740611002

Single-Ended Board-  
to-Board Backplane  
Header, Vertical, 8  
Rows, Guide Pin  
Signal Module, Pin  
End Version, 80  
Circuits, 10 Columns,  
Pin Length 6.25mm

2.00mm Pitch VHDM 740611004

Single-Ended Board-  
to-Board Backplane  
Header, Vertical, 8  
Rows, Guide Pin  
Signal Module, Pin  
End Version, 80  
Circuits, 10 Columns,  
Pin Length 5.15mm

2.00mm Pitch VHDM 740612501

Single-Ended Board-  
to-Board Backplane  
Header, Vertical, 8  
Rows, Guide Pin  
Signal Module, Pin  
End Version, 200  
Circuits, 25 Columns,  
Pin Length 4.75mm

2.00mm Pitch VHDM 740618501

Single-Ended Board-  
to-Board Backplane  
Header, Vertical, 8  
Rows, Guide Pin  
Signal Module, Pin  
End Version, Lead-  
Free, 200 Circuits,  
25 Columns, Pin  
Length 4.75mm

2.00mm Pitch VHDM [740618504](#)  
Single-Ended Board-  
to-Board Backplane  
Header, Vertical, 8  
Rows, Guide Pin  
Signal Module, Pin  
End Version, Lead-  
Free, 200 Circuits,  
25 Columns, Pin  
Length 5.15mm

2.00mm Pitch VHDM [740618531](#)  
Single-Ended Board-  
to-Board Backplane  
Header, Vertical, 8  
Rows, Guide Pin  
Signal Module, Pin  
End Version, Lead-  
Free, 200 Circuits,  
25 Columns, Pin  
Length 4.75mm, Key  
Orientation C

2.00mm Pitch VHDM [740619011](#)  
Single-Ended Board-  
to-Board Backplane  
Header, Vertical, 8  
Rows, Guide Pin  
Signal Module, Pin  
End Version, Lead-  
Free, 80 Circuits,  
10 Columns, Pin  
Length 4.75mm, Key  
Orientation A

2.00mm Pitch VHDM [740621001](#)  
Single-Ended Board-  
to-Board Backplane  
Header, Vertical, 8  
Rows, Guide Pin  
Signal Module,  
Shield End Version,  
80 Circuits, 10  
Columns, Pin Length  
4.75mm

2.00mm Pitch VHDM [740621002](#)  
Single-Ended Board-  
to-Board Backplane  
Header, Vertical, 8  
Rows, Guide Pin  
Signal Module,  
Shield End Version,  
80 Circuits, 10  
Columns, Pin Length  
6.25mm

2.00mm Pitch VHDM [740621004](#)  
Single-Ended Board-  
to-Board Backplane  
Header, Vertical, 8  
Rows, Guide Pin  
Signal Module,  
Shield End Version,  
80 Circuits, 10  
Columns, Pin Length  
5.15mm

2.00mm Pitch VHDM [740622501](#)  
Single-Ended Board-  
to-Board Backplane

Header, Vertical, 8  
Rows, Guide Pin  
Signal Module,  
Shield End Version,  
200 Circuits, 25  
Columns, Pin Length  
4.75mm

2.00mm Pitch VHDM [740622502](#)

Single-Ended Board-  
to-Board Backplane

Header, Vertical, 8

Rows, Guide Pin

Signal Module,

Shield End Version,

200 Circuits, 25

Columns, Pin Length

6.25mm

2.00mm Pitch VHDM [740622504](#)

Single-Ended Board-  
to-Board Backplane

Header, Vertical, 8

Rows, Guide Pin

Signal Module,

Shield End Version,

200 Circuits, 25

Columns, Pin Length

5.15mm

2.00mm Pitch [740622594](#)

VHDM Single-Ended

Board-to-Board

Backplane Header,

Vertical, 8 Rows,

Guide Pin Signal

Module, Shield End

Version, 200 Circuits,

25 Columns, Pin

Length 5.15mm, Key

Orientation 9

2.00mm Pitch VHDM [740628504](#)

Single-Ended Board-  
to-Board Backplane

Header, Vertical, 8

Rows, Guide Pin

Signal Module,

Shield End Version,

Lead-Free, 200

Circuits, 25 Columns,

Pin Length 5.15mm

VHDM L-Series [751982501](#)

Single-Ended

Backplane Header,

2.00mm Pitch, Guide

Pin Signal Module,

Pin End Version, 8

Rows, 200 Circuits,

25 Columns, Pin

Length 4.75m, Lead-

Free

VHDM L-Series [751991003](#)

Single-Ended

Backplane Header,

2.00mm Pitch, Guide

Pin Signal Module,

Shield End Version,

8 Rows, 80 Circuits,

10 Columns, Pin  
Length 4.25mm, Lead-  
Free

VHDM H-Series 761348501

Single-Ended Board-  
to-Board Backplane  
Header, 2.00mm

Pitch, Vertical,  
8 Rows, Signal

Module, Open End  
Version, 200 Circuits,  
Pin Length 4.75mm

VHDM H-Series 761349001

Single-Ended Board-  
to-Board Backplane  
Header, 2.00mm

Pitch, Vertical,  
8 Rows, Signal

Module, Open End  
Version, 80 Circuits,  
Pin Length 4.75mm

VHDM H-Series 767639001

Single-Ended Board-  
to-Board Backplane  
Header, 2.00mm

Pitch, Vertical, 6  
Rows, Open End

Module, Open Ends  
Version, 150 Circuits,  
Pin Length 4.75mm

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